

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/000559

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 H01L 21/66**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G01B 31/02, H05K 13/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Korean Patents and applications for inventions since 1975
 Korean Utility models and applications for Utility models since 1975
 Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 KIPONET, ESPACENET "probe contactor, spring, lithography"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 01/26166 A1 (Theodore A. Khoury, et al.) 04 October 2001 see abstract and Figs 5-14	1-3,8
Y	see the whole document	9-14
Y	KR 99-46171 A (INTERNATIONAL TECHNOLOGY CO., LTD.) 05 July 1999 see claim 1 and Figs 2-5	1-3,9-14
Y	JP01-091537 A (KIMOTO GUNSEI) 04 April 2001 see abstract and Figs 1-3	1-3

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search 06 JULY 2004 (06.07.2004)	Date of mailing of the international search report 06 JULY 2004 (06.07.2004)
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Name and mailing address of the ISA/KR Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer MAENG, Sung Jae Telephone No. 82-42-481-5727
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/000559

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US20010026166A1	04.10.2001	DE19926701A1 JP2000074941A KR2000006268A TW440696B US6452407B2	23.12.1999 14.03.2000 25.01.2000 16.06.2001 17.09.2002
KR99-46171A	05.07.1999	none	
JP01-091537A	06.04.2001	US6443784B1 TW552419B EP1087467A2 EP1087467A3 KR20010039912A	03.09.2002 11.09.2003 28.03.2001 15.01.2003 15.05.2001